

(R)File 351:Derwent WPI  
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**Antifouling paint compsn. - contg. extract of plants e.g. belonging to  
oleaceae contg. polycyclic terpenoid or deriv.**

Patent Assignee: NIPPON PAINT CO LTD (NIPA)

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**Patent Family** (1 patents, 1 countries)

Patent                      Application

| Number      | Kind | Date     | Number      | Kind | Date     | Update   |
|-------------|------|----------|-------------|------|----------|----------|
| JP 62164771 | A    | 19870721 | JP 19865556 | A    | 19860114 | 198734 B |

Priority Applications (no., kind, date): JP 19865556 A 19860114

#### **Patent Details**

| Number      | Kind | Lan | Pg | Dwg | Filing | Notes |
|-------------|------|-----|----|-----|--------|-------|
| JP 62164771 | A    | JA  | 6  | 0   |        |       |

#### **Alerting Abstract JP A**

Compsn. contains, as active component, an extract of polycyclic terpenoid or its deriv. This extract is obtd. by extracting a plant belonging to Pittosporaceae, Polygonaceae, Oleaceae or Gramineaceae, with a water-miscible solvent, and concentrating the extract.

Polycyclic terpenoids include 2-5 ring sesquiterpenes, diterpenes, triterpenes, etc. Substit. in the derivs. are saccharide and saccharide modified with acid. Plants are pref. dried in air and cut before extrn. Water-miscible solvents are methanol, ethanol and similar alcohols: acetone; etc. Use amt. of the solvent is 1-5 times the wt. of the dried plant. Extrn. is conducted e.g. for 1-30 days at room temp.

ADVANTAGE - The compsn. has low toxicity, is safe to surroundings, and shows strong antifouling effect. It is effective in preventing aquatic creatures (e.g., barnacle, sea mussel, laver) from adhering to ships sea constructions, fishing nets for cultivation of fish, etc. It shows this effect for more than 1 year.

**Title Terms /Index Terms/Additional Words:** ANTIFOULING; PAINT; COMPOSITION;  
CONTAIN; EXTRACT; PLANT; BELONG; POLY; CYCLIC; TERPENIC; DERIVATIVE

#### **Class Codes**

(Additional/Secondary): A01N-065/00, C08K-005/01, C09D-003/74, C09D-005/14

File Segment: CPI

DWPI Class: A82; C03; F06; G02

Manual Codes (CPI/A-M): A08-M02; A12-B01; A12-T; C04-A07F2; C12-A08;  
F03-C02B; G02-A03B

**Chemical Indexing**

Plasdoc Codes (KS): 0231 2199 2207 2304 2671 2673 2675 2690 2718  
2773 2792 2829 2848 3299

Polymer Fragment Codes (PF):

\*001\* 014 04- 250 288 300 360 42& 477 505 525 526 56& 611 62- 647 656 672  
720 724

Chemical Fragment Codes (M1):

\*01\* M903 M423 M781 P300 V400 V406 V796 6680-M

Derwent Chemistry Resource Numbers: (Linked) 6680-M; 6680-CMP

**Key Word Indexing**

\*1\* 6680-CMP

**Original Publication Data by Authority**

**Japan**

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**\*\*ANTIFOULING PAINT COMPOSITION EFFECTIVE IN REPELLING DEPOSITION OF  
AQUATIC ORGANISM\*\***

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